

## Professional Experience

Enzo Biochem, Inc., Senior Vice President, 1988-Present

Enzo Therapeutics, Senior Vice President, 1991-present

Enzo Diagnostics, Senior Vice President, 1991- present

EnzoLabs, Senior Vice President, 1991-present

Enzo Biochem, Inc., Vice President, Research, 1981-1988

Columbia University, College of Physicians and Surgeons, Assistant and Associate Professor,

University of Connecticut, Assistant Professor, 1969-1972

## **Education**

Postdoctoral Training:

The Rockefeller University, 1967-1968;

The Salk Institute, 1968;

Albert Einstein College of Medicine, 1968-1969.

Graduate Training: The Rockefeller University, Ph.D., 1967, laboratory of Norton D. Zinder; Dissertation in molecular genetics.

Undergraduate Training: Amherst College, B.A. in Biological Sciences, 1961.

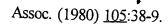
## **Contributions**

- •Member, Department of Energy (DOE), Scientific Committee (HERAC), 1983-1989;
- •Chairman, Biotechnology Subcommittee of HERAC, 1988-1989;
- •Member, DOE Human Genome Committee, 1988-1989;
- •Member, Board of Overseers, Biotechnology Center, State University of New York at Stony Brook, 1982-, Chairman, 1992-;
- •Member, Board of Overseers, Biotechnology Center for the State of Connecticut, 1982-.

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- 2. <u>Dean L. Engelhardt</u> and N.D. Zinder. (1964) Host-Dependent Mutants of the Bacteriophage f2. III. Infective RNA, Virol. <u>23</u>:582-587
- 3. G.W. Notani, <u>Dean L. Engelhardt</u>, W. Koningsberg, and N.D. Zinder. (1965) Suppression of a Coat Protein Mutant of the Bacteriophage f2, J. Mol. Biol. 12:439-447.
- 4. <u>Dean L. Engelhardt</u>, R.E. Webster. R.C. Wilhelm, and N.D. Zinder. (1965) *In Vitro* Studies of the Mechanisms of Suppression of a Nonsense Mutation. Proc. Natl. Acad. Sci. USA <u>54</u>:1791-1979.
- 5. R.E. Webster, <u>Dean L. Engelhardt</u>, and N.D. Zinder. (1966) *In Vitro* Protein Synthesis: Chain Initiation. Proc. Natl. Acad. Sci. USA <u>55</u>:155-161.
- 6. N.D. Zinder, <u>Dean L. Engelhardt</u>, and R.W. Webster (1966) Punctuation in the Genetic Code. Cold Spring Harbor Symp. Quant. Biol. <u>31</u>:251-256.
- 7. R.E. Webster, <u>Dean L. Engelhardt</u>, W. Koningsberg, and N.D. Zinder. (1967) Amber Mutants and Chain Termination *in vitro*. J. Mol. Biol. <u>29</u>:17-43.
- 8. <u>Dean L. Engelhardt</u>, R.E. Webster, and N.D. Zinder. (1967) Amber Mutants and Polarity *In Vitro*. J. Mol. Biol. <u>29</u>:45-52.
- 9. <u>Dean L. Engelhardt</u>, H.D. Robertson, and N.D. Zinder. (1968) *In Vitro* Translation of Multistranded RNA from *Escherichia coli* Infected by Bacteriophage f2. Proc. Natl. Acad. Sci. USA <u>59</u>:972-979.
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- 11. <u>Dean L. Engelhardt</u>, (1971) An Inhibitor of Protein Synthesis in Cytoplasmic Extracts of Density Inhibited Cells. J. Cell. Physiol. <u>78</u>:333-344.
- Dean L. Engelhardt, (1972) An Assay for Secondary Structure in Ribonucleic Acid.
  J. Virol. 2:903-908.
- 13. J.A. Hassell and <u>Dean L. Engelhardt</u>, (1973) Translation Inhibition of Extracts from Serum-Deprived Animal Cells. Biochem. Biophys. Acta <u>324</u>:545-553.
- 14. <u>Dean L. Engelhardt</u>, and Joseph Sarnoski, (1975) Variation in the Cell-Free Translating Apparatus of Cultured Animal Cells as a Function of Time During Growth. J. Cell. Physiol. <u>86</u>:15-30.

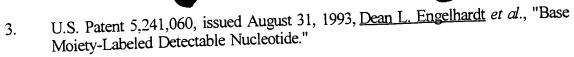
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- J.A. Hassell and <u>Dean L. Engelhardt</u>, (1977) Factors Regulating the Multiplication of Animal Cells in Culture. Expertl. Cell Res. <u>107</u>:159-167.
- G.T-Y Lee and <u>Dean L. Engelhardt</u>, (1977) Protein Metabolism During Growth of Vero Cells. J. Cell. Physiol. <u>92</u>:293-302.
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- 22. Lee, G.T-Y. and <u>Dean L. Engelhardt</u>, (1978) Specific Cellular Peptides During the Growth of Animal Cells. J. Cell. Biol. <u>78</u>:R28-35.
- Pergolizzi, R.G., <u>Dean L. Engelhardt</u>, and D. Grunberger (1978) Formation of Phenylalanine Transfer RNA Lacking the Wye Base in Vero Cells During Methionine Starvation. J. Biol. Chem. <u>253</u>:6341-6344.
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## **Patents**

- 1. U.S. Patent 4,755,458, issued July 5, 1988, Elazar Rabbani, <u>Dean L. Engelhardt</u> et al., "Composition and Method for the Detection of the Presence of a Polynucleotide Sequence of Interest."
- U.S. Patent 4,894,325, issued January 16, 1990, <u>Dean L. Engelhardt</u> et al., "Hybridization Method for the Detection of Genetic Material."



- U.S. Patent 5,260,433, issued November 9, 1993, <u>Dean L. Engelhardt</u> et al., "Saccharide Specific Binding System."
- 5. U.S. Patent 5,288,609, issued February 22, 1994, <u>Dean L. Engelhardt</u> et al., "Capture Sandwich Hybridization Method and Composition."
- 6. Canadian Patent 1,228,811, issued November 3, 1987, Robert G. Pergolizzi,, Jannis G. Stavrianopoulos, Elazar Rabbani, <u>Dean L. Engelhardt</u>, Stan Kline, and Paula Olsiewski, "Assay method utilizing polynucleotide sequences."
- 7. European Patent 0 159 719 B1, granted June 30, 1993, Elazar Rabbani and <u>Dean L. Engelhardt</u>, "Hybridization method for the detection of genetic materials."
- 8. Canadian Patent No. 1,260,372 issued September 26, 1989, Elazar Rabbani and <u>Dean L. Engelhardt</u>, "Hybridization method for the detection of genetic materials."
- European Patent No. 0 173 339 B1 granted January 22, 1992, Elazar Rabbani and <u>Dean L. Engelhardt</u>, "Composition and method for the detection of the presence of a polynucleotide sequence of interest."
- 10. Canadian Patent No. 1,260,368, issued September 26, 1989, Elazar Rabbani and <u>Dean L. Engelhardt</u>, "Composition and method for the detection of the presence of a polynucleotide sequence of interest."
- 11. European Patent Application No. 84105028.9, Publication No. EP 0 128 332 A1, filed May 4, 1984, Robert G. Pergolizzi, Jannis G. Stavrianopoulos, Elazar Rabbani, <u>Dean L. Engelhardt</u>, Stan Kline and Paula Olsiewski, "Assay method utilizing polynucleotide sequences."
- 12. Israeli Patent No. 171666, Elazar Rabbani, <u>Dean L. Engelhardt</u>, Stan Kline and Paula Olsiewski.